

Title (en)
METHOD OF PREPARING ESTERS OF TEREPHTHALIC ACID

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ESTERN VON TEREPHTHALSÄURE

Title (fr)
PROCÉDÉ DE PRÉPARATION D'ESTERS D'ACIDE TÉRÉPHTALIQUE

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Application
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Abstract (en)
[origin: WO2019066671A1] The present invention relates to the field of preparing esters of terephthalic acid, used as plasticizers for the manufacture of plasticizers for polyvinyl chloride plastic materials. The invention discloses a method according to which the step of esterification of the acid with an alcohol comprises the use of two catalysts of different nature, in particular a metal-containing catalyst and an acid catalyst, which are added sequentially. The technical result of the present invention is to increase conversion of terephthalic acid up to 100% and to reduce the amount of by-products formed during the production of a dicarboxylic acid ester. The obtained ester is characterized by a low acid number and a low value of color.

IPC 8 full level
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